

Dividing Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $1\frac{3}{7} \div 2 =$

2. $3\frac{3}{5} \div 9 =$

3. $3\frac{1}{2} \div 7 =$

4. $2\frac{1}{2} \div 5 =$

5. $3\frac{1}{3} \div 5 =$

6. $8 \div 1\frac{5}{7} =$

7. $7 \div 1\frac{3}{4} =$

8. $5 \div 2\frac{1}{2} =$

9. $2\frac{2}{3} \div 4 =$

10. $4 \div 2\frac{2}{3} =$

Dividing Fractions (D) Answers

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Calculate each quotient.

$$1. \quad 1\frac{3}{7} \div 2 = \frac{10}{7} \div \frac{2}{1} = \frac{10}{7} \times \frac{1}{2} = \frac{10}{14} = \frac{5}{7}$$

$$2. \quad 3\frac{3}{5} \div 9 = \frac{18}{5} \div \frac{9}{1} = \frac{18}{5} \times \frac{1}{9} = \frac{18}{45} = \frac{2}{5}$$

$$3. \quad 3\frac{1}{2} \div 7 = \frac{7}{2} \div \frac{7}{1} = \frac{7}{2} \times \frac{1}{7} = \frac{7}{14} = \frac{1}{2}$$

$$4. \quad 2\frac{1}{2} \div 5 = \frac{5}{2} \div \frac{5}{1} = \frac{5}{2} \times \frac{1}{5} = \frac{5}{10} = \frac{1}{2}$$

$$5. \quad 3\frac{1}{3} \div 5 = \frac{10}{3} \div \frac{5}{1} = \frac{10}{3} \times \frac{1}{5} = \frac{10}{15} = \frac{2}{3}$$

$$6. \quad 8 \div 1\frac{5}{7} = \frac{8}{1} \div \frac{12}{7} = \frac{8}{1} \times \frac{7}{12} = \frac{56}{12} = \frac{14}{3} = 4\frac{2}{3}$$

$$7. \quad 7 \div 1\frac{3}{4} = \frac{7}{1} \div \frac{7}{4} = \frac{7}{1} \times \frac{4}{7} = \frac{28}{7} = 4$$

$$8. \quad 5 \div 2\frac{1}{2} = \frac{5}{1} \div \frac{5}{2} = \frac{5}{1} \times \frac{2}{5} = \frac{10}{5} = 2$$

$$9. \quad 2\frac{2}{3} \div 4 = \frac{8}{3} \div \frac{4}{1} = \frac{8}{3} \times \frac{1}{4} = \frac{8}{12} = \frac{2}{3}$$

$$10. \quad 4 \div 2\frac{2}{3} = \frac{4}{1} \div \frac{8}{3} = \frac{4}{1} \times \frac{3}{8} = \frac{12}{8} = \frac{3}{2} = 1\frac{1}{2}$$